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Dec 12, 1990

DERWENT-ACC-NO: 1991-032043

DERWENT-WEEK: 199105

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TITLE: Curable fluoro-resin paint used with building materials and furniture - contains hydroxyl gp.-contg. vinyl! fluoro:resin copolymer, curing agent and fine silica powder surface treated with silicone oil

PATENT-ASSIGNEE:

ASSIGNEE

CODE

DAINIPPON INK & CHEM KK

DNIN

PRIORITY-DATA: 1989JP-0120416 (May 16, 1989)

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PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC



JP 02300253 A

December 12, 1990

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APPLICATION-DATA:

PUB-NO

APPL-DATE

APPL-NO

DESCRIPTOR

JP 02300253A

May 16, 1989

1989JP-0120416

INT-CL (IPC): C08K 9/06; C08L 27/12; C09D 127/16

ABSTRACTED-PUB-NO: JP 02300253A

BASIC-ABSTRACT:

Curable fluororesin paint contains (A) fluororesin having -OH, (B) curing agent, and (C) fine powder of silica surface treated with silicone oil. The particle size of (C) is pref. 5 to 300 microns. (A) is pref. a copolymer obtd. by polymerising vinyl monomers contg. F, (a) copolymerisable vinyl monomers having -OH, and other copolymerisable vinyl monomers. (a) is used in such amt. that the -OH value of (A) is pref. 30 to 70 mg KOH/g on solid basis.

Pref. (B) is at least one of aminoplasts, polyisocyanates, blocked polyisocyanates, polybasic acids, polybasic acid anhydrides, polyepoxy cpds., and silane coupling agents contg. epoxy gp. or isocyanate gp. The amts. of (A), (B) and (C) are 20 to 70 wt.%, 2 to 50 wt.%, and 10 to 50 wt.% respectively, based on the fluororesin paint.

USE/ADVANTAGE - The paint is used with building materials and furniture. It forms a

decorative film while maintaining weather resistance, corrosion resistance, chemical resistance, and flexibility.

CHOSEN-DRAWING: Dwg.0/0

TITLE -TERMS: CURE FLUORO RESIN PAINT BUILD MATERIAL FURNITURE CONTAIN HYDROXYL GROUP CONTAIN POLYVINYL FLUORO RESIN COPOLYMER CURE AGENT FINE SILICA POWDER SURFACE TREAT SILICONE OIL

DERWENT-CLASS: A18 A28 G02

CPI-CODES: A04-E10; A06-A00E; A08-C01; A08-M03; A08-R06A; A12-B01F; A12-D01; A12-R01; G02-A02D;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1694U; 5317U

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0205 0210 0222 0231 1276 1282 1306 2020 2218 2285 2286 2287 2297 2299 3217 2303 2307 2315 2511 2605 2607 2628 3252 2691 2757 2792

Multipunch Codes: 014 04- 05- 062 064 075 106 139 226 229 231 26& 273 303 308 310 311 314 341 38- 473 475 51& 54& 541 543 545 551 560 566 597 600 613 636 656 721

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1991-013789

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